architectural ironmongery journal

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advancing architectur

no.140 winter 2010/11

inside this issue: NEWS People News

People News GAI Matters New Products

FEATURES

Roundhouse Derby Ironmongery In Situ RegAls **TECHNICAL** Regulation 38 The Use of Handrails Access Control Q & As





EPS High Security Cylinders

• Patented Until 2026

• Kite Marked



- 6 Pin System
- Exclusive Sections Available
- Masterkey Planning
- Fast and Efficient Master Keying Service



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no.140 winter 2010/11

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NEED TO GET IN TOUCH?

For all editorial, advertising or production queries see our contacts box on page 35 (inside back cover) of this issue.



s the AIJ goes to press, the Construction Products Regulations (CPR) has just been successfully voted through its second reading in the European Parliament. Whilst the exact date is yet to be



confirmed, this means that around July 2013, it will be mandatory to CE mark a product which falls within the scope of a harmonised standard.

This is clearly a very significant development for the architectural ironmongery industry - especially for those in the trade who care about quality and product integrity. The GAI is consulting within the wider industry and will be advising members of the potential impact of this vote to AIs and manufacturers as more firm details become available. Watch this space.

What is clear is that in times of economic uncertainty and difficult trading, quality, expertise and professionalism are more important than ever to ensure a healthy and positive kein Cum

future for the AI industry.









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References



Alton Towers, Staffordshire



Debis Daimler-Benz, Berlin



National Bank, Prague



Imperial War Museum, London

Application Specific Literature



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Special Features



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Clearly Marked Products

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industry news

Obituaries... Name change for Fred Duncombe... Centre of excellence for ASSA ABLOY... Primera offers free training for Als

aijdiary dates

FEBRUARY 2011

Surface Design Show

Date: 15 - 17 February 2011 Venue: Business Design Centre, 52 Upper Street Islington Green , London N1 0QH

Description: The Surface Design Show is the only UK event to focus exclusively on interior and exterior surface solutions in building design.

MARCH 2011

Visioning the Future: A Look at Design Visualisation

Date: 5 March - 20 April 2011 Venue: Florence Hall, RIBA, 66 Portland Place, London, W1B 1AD Description: Explore the 3D technology behind some of the country's most iconic buildings, including The Shard by Renzo Piano and the Gateshead Millennium Bridge by Wilkinson Evre.

GAI/RIBA Architectural Ironmongery Specification Awards

Date: 30 March 2011

Venue: The Ironmongers' Hall, 1 Shaftesbury Place, Barbican, London, EC2Y 8AA. Description: The presentation of awards plus display of all winning and commended entries. Contact: Guild of Architectural Ironmongers on 020 7790 3431. email: info@gai.org.uk

...obituaries

DAVID FOSTER WARD

We regret to announce the tragic and untimely death of David Foster Ward.

David was well known to the industry as Managing Director at B Lilly and Sons Ltd based in Birmingham – a company noted as cabinet brass founders and manufacturers of the well-known Sadler Suite of architectural ironmongery.

David was a respected character within the industry, highly sociable, very much a man around town and will be sadly missed.

HUA WEI ZHANG

Ian Firth Hardware in Leeds has lost one of its most valued and popular members of staff and 2010 Diploma holder Hua Wei Zhang (known to his friends and colleagues as Kang Fu) in a tragic accident.

He was hit by a car in Leeds city centre whilst out shopping with his wife, Yang Yang, on Christmas Eve, and died on Christmas morning in hospital.

Kang joined the company in 2006 in the sales office and although he had no experience in doors and hardware he learned quickly and soon became the firm's expert on door kits with responsibility for processing enquiries and orders.

Kang received his GAI Diploma in 2010 and attended the Education Awards Lunch in November. He was a prize winner in his second year – no mean feat as he spoke very little English when he first joined Ian Firth Hardware.

Ian Firth says "Kang was the man we always turned to when we had to modify, develop or improve the way in which our products are put together. A mild-mannered and likeable person, Kang will be sadly missed by those who were privileged to have known him."

GARY WHITBREAD

John Planck Ltd has announced the death of Gary Whitbread on Monday 10 January 2011 aged 53 after being taken ill in September last year.

Gary joined John Planck Ltd in July 2003 and was Area Sales Manager with responsibility for the several counties around his home in St. Neots, Cambridgeshire. Gary was extremely well-known in the AI trade and liked for his cheerful and optimistic character, rarely being seen without a smile on his face. He was sociable, outgoing, and played both cricket and football for his local team. Gary was a GAI Diploma holder and experienced architectural ironmonger, and highly regarded by colleagues, suppliers and customers alike. It goes without saying that he will be greatly missed.



NAME CHANGE

From 1 December 2010, Fred Duncombe Ltd changed its name to Exidor Limited and will no longer be trading in the Fred Duncombe name.

The company will continue to produce Webb Lloyd door furniture, Duncombe ironmongery and of course Exidor products at its site in Cannock, with the change reflecting the importance of its largest and most respected brand.

MD Kaz Spiewakowski says, "We appreciate the relationships that have been built between many customers and suppliers and Fred Duncombe Ltd, in some cases over many years, and look forward to continuing those relationships into the future with Exidor Limited."



CENTRE OF EXCELLENCE

ASSA ABLOY has opened a brand new purpose-built training academy for security specifiers, installers and end-users at its UK head office.

At the ASSA ABLOY Academy, security specifiers, installers and end-users can extend their technical, legislative and product knowledge, in fully equipped classroom, workshop and showroom facilities, with an extensive programme of tailored training courses that will aid door solution specification and installation. Commenting on the opening of the new Academy, Paul Browne, Business Development Director for ASSA ABLOY UK, said: "The Academy is an outstanding new facility that reflects our commitment to sharing the very latest ideas and industry insight, best practice and visions for the future with our customers and end-users."

"The door solutions market is evolving rapidly with new technologies, standards and higher end-user expectations, so keeping skills and expertise up to date is vital for the future. ASSA ABLOY is at the forefront of this market and our new Academy will help customers to keep pace with these changes to the benefit of their own businesses and clients."

Training courses available at the Academy range from RIBA approved CPD seminars providing specification guidance, through to workshop sessions, where installers can receive practical tutorials and installation training on the very latest product solutions, including access control and electric locking.

Invited customers and industry bodies can also use the new venue for their own meetings, events and training courses. The Academy includes a professional showroom showcasing products from across the ASSA ABLOY Group portfolio and visits to the site can also be combined with a tour of the Group's manufacturing facilities, which include some of the most innovative manufacturing cells in the UK.

FREE TRAINING CLEARS CONFUSION FOR AIs

For many specifiers and Als, anti-ligature products have been a source of confusion and even fear. So to address this issue, anti-ligature specialist Primera is launching a proactive training scheme for Als. A member of the Primera team can provide a training session, either at the Al's premises or at its head office in Blackpool, covering a full range of anti-ligature products from various manufacturers.

Primera will also discuss best practice, current market thinking and solutions to various situations unique to this sector. They'll help Als expand their own portfolios from locks and door furniture into window products and magnetic release items. This is also matched with post-training assistance via their technical support helpline – and it is all offered free of charge.

Further details from andysyms@primeralife.co.uk.

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WINNING WAYS

More than fifty new Diploma holders were presented with their certificates at this year's GAI Education Awards Lunch sponsored by HÄFELE. The Diploma is the culmination of three years of study for the successful students and represents one of the most respected qualifications in the building industry. The ceremony also saw the three highest placed students collect their prizes, plus the award of the Pinnacle Award to Cheryl Flinders from GEZE UK Ltd who achieved the best aggregate score over the three years of the education programme

Despite the straightened times in the construction industry, this year's GAI Education Awards Lunch was sold out, a reflection of how highly regarded the event is as an excellent networking opportunity. It was held at the Royal Garden Hotel in London on 4 November with the certificates and prizes being presented by ex-England and Leicester rugby star Austin Healey,

Fifty-five diplomas were awarded on the day with an impressive standard being achieved by the students in their exams. As part of the final year, students must sit a Business Studies exam plus, crucially, a Scheduling paper where they must produce an ironmongery schedule for a specific project. "The standards on the Scheduling paper were especially impressive this year," says Keith Maer, the GAI's Education Manager. "The top scores are usually between 85% and 88% - a remarkable compliment to the examination team for consistently putting a challenging paper before students. This year the top papers were true to form except one outstanding performer - a staggering 95%."

The prize winners were:

Pinnacle Award: Cheryl Flinders, GEZE UK Ltd Level Two: Top Student Level Three

Gold Medal: Cheryl Flinders, GEZE UK Ltd Silver Medal: David Rogers, HÄFELE UK Ltd Bronze Medal: Luis Fernandes Joao. Royde and Tucker Ltd

1st: Pradeep Thalapilly, HÄFELE Kuwait

Level One: Top Student 1st: Simon Oliver. Price and Oliver Ltd

ONGERY SP

The Pinnacle Award, sponsored generously by ASSA ABLOY was won by Cheryl Flinders, of GEZE UK Ltd.. This was particularly noteworthy since she works for a manufacturer and, as such, has no day-to-day experience of scheduling as an AI.

The Pinnacle Award is part of the GAI's ongoing commitment to excellence in education and training in the architectural ironmongery trade. It is won by the student who gains the best aggregate score over three years of the education programme and, as such, is a just reward for the best allround achiever in the industry. The prize is a substantial travel voucher.

SHORTLIST ANNOUNCED

The bi-annual GAI & RIBA Architectural Ironmongery Specification Awards are nearing. There are five categories and, for the first time, the judges will decide upon an overall "Winner of Winners" which is sponsored by DORMA UK Ltd.



The shortlisted projects are:

Our regular roundup of the latest news,

of Architectural Ironmongers

views and developments within the Guild

Commercial Buildings sponsored by The Silvershore Trading Co LLC: The Angel Building - Allgood plc Stoke Newington Council Chambers - 3v Architectural Hardware Ltd Clitheroe Castle Museum - John Monaghan Ltd Bristol Civil Justice Centre - Allgood plc Agricultural Centre - Em-B Solutions Ltd

Hospitality/Residential Buildings sponsored by Frank Allart & Co: Verta Hotel - John Planck Ltd The Bermondsey Square Hotel - Laidlaw Solutions Ltd 7 - 8 Prince Edward Mansions - John Planck Ltd

Coodham Estate - John Monaghan Ltd International Buildings sponsored by GEZE UK Ltd:

Tornado Tower - The Silvershore Trading Co LLC Casino Oceanus - KEYTECH Consultancy Limited Index Building - The Silvershore Trading Co LLC Central Market - The Silvershore Trading Co LLC

Public Education Buildings sponsored by Laidlaw Solutions Limited University of Sheffield - Allgood plc The Roundhouse Derby - Turentek (A.I) Ltd Gurdwara Sahib Temple - Allgood plc Graeae Theatre - Allgood plc

Public Health Buildings sponsored by Harbrine Ltd Rose Lodge - Laidlaw Solutions Limited Craigavon Area Hospital - M B Architectural

The 2010/11 Specification Awards Lunch will be held at the Ironmongers' Hall, Barbican, in the City of London on Wednesday 30 March 2011. The awards recognise design excellence in architectural ironmongery specification projects and are presented to the whole specification team of architect and architectural ironmonger, highlighting the importance of the partnership between these two professional disciplines.



When hygiene matters



Hotels

Education

Establishing and maintaining a hygienic environment is paramount in healthcare projects. Fortunately, the Perko Powermatic® controlled, concealed door closer offers features which make a valuable contribution towards hygiene and simplifying cleaning regimes, as well as many health and safety benefits.

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Email: editor@aijournal.org

Dear Madam

Having read the technical article on thumbturns in the Autumn edition of the AIJ, I write to express my concerns regarding the emerging role and responsibility attributed to the AI.

Whilst it is appreciated that the AI is considered the "expert" in providing the most suitable product for the job, it is the responsibility of the Project Team to determine the intended/ anticipated function of the fittings in any particular location.

The AI responds to the brief given by his/her client via his agent (the architect or other nominated representative), albeit giving some guidance as to suitability for purpose, compliance with the various Regulations whilst calling on his/her personal experience. Not only is it a matter of compliance but also dovetailing them into the brief.

The level of consultation should be completed before the AI is asked to prepare a specification/schedule and include the client, user representatives (if known), Health and Safety, Access Consultants. Fire and any other interested parties considered relative to the project.

If the AI follows the brief which should be clearly defined at the preliminary stage, with any additional requirements added as they occur, the Al should not be considered responsible for any second thoughts after supply and installation.

All too often the AI becomes the "whipping boy" at the whim of the Specifier when the client makes alterations at the later stages and is expected to carry the cost of any changes.

Clarity of choice, using literature, samples or other indicators is essential to avoid any misinterpretation of terminology regarding products or applications.

DON'T RISK LOWERING YOUR STANDARDS

Dear Madam

Yet again it would appear that products are entering our market without the relevant documentation being readily available. In certain instances claims are being made relative to the products which are correct, however the complete and full picture is not being painted. Examples include budget door closers and Grade13 stainless steel hinges. Instances such as these can cause significant problems and result in serious repercussions for the specifier/supplier.

Please remember that as the specifier/supplier you have a duty of care to ensure that the product specified/supplied complies fully with any claims which are made either on the product, its packaging or in any advertising literature.

In the case of overhead door closers, there are products currently available in the UK market which have been successfully tested to BSEN 1154: 1997 and BSEN 1634: Part 1 and CE marked accordingly. However, in many instances the testing and certification does not apply to all fitting configurations (Fig 1, Fig 6 & Fig 61) despite having literature that will state "universal application".

With all door closers you should ensure that any CE marking certification applies to Fig 1, Fig 6 & Fig 61 applications where applicable and that the relevant documentation is available upon request.

Another example is hinges where a CE Mark does not necessarily mean the product has been tested to key requirements, such as Fire Assessment. To ensure that your product has been successfully assessed in a fire door test, simply check the fourth digit of its EN product classification code. If the product is certified for use on fire doors, the fourth digit will be a "1".

At HOPPE UK all of our products are tested by Exova Warrington where applicable for CE Marking & CERTIFIRE approval.

Kelly Massey

Marketing Department HOPPE UK

TAKING CONTROL

Dear Madam

Come on Al's wake up! Our industry is being decimated by contractors who do not respect the work and investment put in by AIs throughout the design process of the project!

It is the contractor who pays the purchase for goods order – not the architect. Contractors need to be contractually responsible for supporting the AI that has done all the work.

The process of arriving at a detailed working schedule that combines all the current legislation, standards, access control, life safety etc is a million miles away from the old days of just providing a 'quote' for a list of ironmongery.

If Als are going to be involved in the design process – and how can they not be? - then they need a contractual commitment from the contractor that they will supply. If the contractor wants to use another AI (for competitive purposes, regional service etc) then they should invite that AI to do all their own preliminary work again - ie meet with architect, meet with client/end user, meet with M & E etc, etc and keep up with all the revisions, design advice, spec changes ad infinitum

DO NOT price another AI's schedule - you are shooting yourself in the foot - which might as well be your head. It is not other AIs you are in competition with - it is the contracting industry which we should ALL be fighting to educate them to the value of our service. Give it away for free and no one will value or respect what you are doing. If you all sincerely want the industry to survive then please heed my words!

We are a unique professional niche - the contractors and architects and ultimate end users NEED us!

DO NOT price another Al's schedule – you are shooting yourself in the foot – which might as well be your head

David Woolcock Dip GAI RegAI **Independent Scheduling** and Consulting.

The ED 100 Low Energy swing door operator – engineered to provide easy and safe access for all users.

The slimline ED100 unit offers a range of operating modes which enable the door to be opened under power when required and used as a conventional manual swing door at all other times.

The combination of low operating noise and the compact Contur design ensures the ED 100 will integrate into the most sensitive of environments. The 40% reduction in material used in this smaller unit has a positive effect on shipping, reducing unnecessary CO_2 emissions.

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interview

all

the aij meets

Editor Helen Curry talks to Cheryl Flinders, 2010 Pinnacle Award winner

Hall (President GAI) and David Wigglesworth (MD of Union Architectural Hardware and Adam's Rite Europe)

On schedule

When the Pinnacle Award winner was announced at the GAI's Education Awards Lunch in November, the mark for the winning candidate's Scheduling paper was revealed as a remarkable 95%. All the more extraordinary in view of the fact that the successful candidate doesn't schedule as part of her everyday job. Helen Curry meets Cheryl Flinders and finds out some of the secrets of her success.

Nobody was more surprised than Cheryl Flinders when she was proclaimed the Level Three Gold Medal Winner at the GAI Awards Lunch. Even then she still didn't believe she might have won the Pinnacle Award, sponsored by ASSA ABLOY, despite being Level Two top student last year. "I found out I'd won some kind of award in August," she reveals, "But until the announcement, it was still a waiting game. I felt quite emotional and shocked but the best part was winning the top scheduling prize – I was most chuffed with that!"

Cheryl has been in the AI trade for eleven years, starting out at Glutz where she was PA to the MD in what was, at the time, a two-person operation. "The role of PA covered a multitude of sins," laughs Cheryl. "Sales admin, processing orders, accounts, everything! It was a pretty fast learning curve! Looking back I was pretty naive about the trade, what it was about, and who was who."

After two years Cheryl moved to GEZE UK, (where she has been ever since,) seeing it as an opportunity to progress in a bigger company. As with so many people's careers in the AI trade, Cheryl had some luck in securing her position at GEZE, sending her CV in on spec and finding that it landed on the right person's desk at the exact time that they were looking to recruit a Sales Coordinator in the company's glass department. Cheryl used that role to learn the products and trade in that sector as she went along.

Sadly, Cheryl was made redundant when GEZE relocated to Lichfield in Staffordshire from its Chelmsford HQ just a short walk from Cheryl's home. "I was gutted," she admits. "I really liked working at GEZE with a great team. But this temporary setback actually once again turned out to be an opportunity as the GEZE management team decided to offer Cheryl a chance to become Area Sales Manager in London and the South East. "I wasn't keen at first," she confesses. "Leaving the comfort of the office to go out on the road but I never looked back. Now I am National Glass Sales Manager, back to where I started!" Cheryl decided to start the GAI education programme in what she laughingly describes as "a moment of weakness." GEZE does not compel its staff to undertake the programme but is very encouraging and supportive to those who do. Cheryl got hold of a course book and after thumbing through it, decided to give it a go. Even after completing Level One – where she achieved a distinction – Cheryl realised that the GAI education programme was already giving her more awareness of the industry as a whole, especially on site visits and this encouraged her to go on and continue with the programme.

At level 2 Cheryl was top student, which surprised her even though she had found the exam easier. "Not because the paper was simple, it was just because I knew what to expect, how to revise and was more prepared," she says.

Level Three was, however, a completely different kettle of fish for Cheryl. "Level Three moves you away from reading the manual and learning in a linear way, and into a real life situation where you have to think what the customer wants on every single door, thinking how a good AI would think," she says. So was Cheryl's lack of day-to-day experience of scheduling a big stumbling block for her? The answer is yes and no. "In some ways it was harder for me because I was learning a completely new skill," she admits. "But in other ways it was an advantage because I had no bad habits and did it by the GAI book, especially key scheduling." Cheryl also did some training with a major AI and it was this, along with hard work at home and a meticulous system which stood her in good stead.

Cheryl is still amazed at her fantastic scheduling score of 475 out of 500, the highest score for many years. "The way I looked at it, there are some doors which will always come up – like a disabled loo – but instead of learning it door by door, I learnt it all product by product. As soon as I got into the exam I made a list of all the products, latches, locks, kick plates, hinges and the like - and I checked every door on the schedule back against that list so I didn't drop marks by missing silly things like kick plates and smoke seals."

Cheryl believes that gaining her diploma is a real, tangible benefit to her career giving her confidence and credibility, especially on site. She intends to continue her education by gaining RegAI status seeing the two as going hand in hand. "It seems a shame to work so hard to gain a diploma and not see it through to its logical conclusion of RegAI," she says. Clearly, Cheryl sees herself in the AI trade for the long haul.

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RegAl: The **Key** to the **Future of Our Industry**

Teclurs

RegAI status is the benchmark standard for architectural ironmongery and one which lies at the very heart of what the GAI stands for – the highest possible standards of education and professionalism. Every RegAI is a qualified GAI Diploma holder and has been able to prove they are fully up-to-date with industry standards, regulations and legislation by continuously training and updating their knowledge in a rapidly changing market.

The GAI is committed to maintaining this pivotal role for RegAI status and has announced a number of important changes to the way professional architectural ironmongers can become, and remain a RegAI. There is also a programme of activities to which the GAI and Institute of Architectural Ironmongers (IAI) have committed to ensure that it remains the height of achievement in our industry

Why become a RegAI?

The benefits of becoming RegAI - and maintaining that status – are much more than a certificate on the wall. RegAI status confers real benefits to both the individual and the company they work for:

Access to training manuals on the GAI website which permits reference to up-to-date information on the most recent changes in the industry

The CPD programme organised by the IAI across the UK gives RegAIs the chance to learn, network and maintain their professional status in an enjoyable, sociable environment

A list of RegAls is maintained on the GAI web site and published annually in the Architectural Ironmongery Journal (AIJ). This gives RegAls exposure to thousands of visitors and readers every week and the national recognition which that brings

The opportunity to market and promote an impressive professional status – an important differentiator in a competitive market. Electronic logos and letters after your name also allow RegAls to stand out from the crowd

Access to GAI Technical Updates and a technical helpline manned by an expert with access to all the latest technical information RegAls can discuss technical and education issues on the GAI's Education website and interact with their peers

Promoting RegAl

The GAI and IAI continue to promote RegAI status, both within our industry, and outside of it – to architects and specifiers.

This activity includes:

Dedicated PR activity to create profile and awareness in the trade press

A full list of RegAls through the GAI web site's dedicated search function

Special promotional articles in the AIJ

RegAI given a higher profile in the Education Prospectus

Potential for promoting RegAl within Institute branches eg regional awards

Earning RegAl Status

New diploma holders no longer become RegAl automatically. Instead, any diploma holders who wish to become a RegAl must collect CPD points, beginning in the January after they qualify and continuing through the calendar year, and then apply for RegAl at the end of the year having collected the requisite CPD points.

This change has been made to ensure that the essence of RegAI status – the continuing proof that RegAIs have up-to-date, cutting edge knowledge of our industry standards, legislation and practice – is protected and enshrined for the future.

Maintaining RegAl Status

This is achieved by collecting ten CPD points throughout the calendar year. These are earned through a mixture of compulsory coursework, attendance at an IAI branch or other training which carries CPD points, and other recognised activities such as optional course work or attendance at trade shows.

The RegAI log books can be filled out online so there's no excuse for not raising the bar and achieving RegAI status!

aij14

QAlthough I am a Diploma holder from years gone by I have not previously joined the RegAI scheme. Am I still able to join?

A Yes. You should enroll by paying the appropriate fee and completing 10 CPD points

How much does it cost to be a member of the RegAl scheme?

The annual fee is £60 + VAT, renewable on 1 January. This includes IAI membership.

How do I pay?

A You can pay by cheque, credit card or other form of electronic Atransfer at the start of each year. Existing RegAls will be sent an annual renewal notice by GAI Head Office.

Q I have joined the RegAI scheme. How much time have I got to complete my 10 points?

A Compulsory course work (worth 4 points) should be submitted for assessment by 31 October. Any Optional course work (each worth 2 points) should be submitted for assessment by 30 November. All other points need to be collected in the calendar year.

How do I collect my points?

A There is a mixture of compulsory and optional methods in 3 Categories as follows:

4 points by the annual compulsory course work. **2 points** must be collected by attendance at either IAI branch CPD presentations or in-housetraining. **1 point** each is awarded for each of these however attendance at the CPD presentation relating to the compulsory course work is worth **2 points**.

A minimum of **4 points** by other CPD presentations as category 2 above and / or other recognised activities. *Examples of these are listed below*.

- 2 points for each optional course workbook - maximum 2

workbooks per annum

- 1 point for an educational factory visit 2 points max pa
- 1 point for GAI (or related) tutoring or writing education manuals
 2 points max pa
- 1 point for trade fair visits 2 points max pa

- **1 point** each for other relevant activities, which you believe to be worthy of points. This category could include RIBA events, seminars by other trade associations, etc and should be submitted on your log sheet for consideration by the RegAI panel.

Q How do I record my points?

 Λ The log sheet can be downloaded from the GAI website.

Q I am not sure if a certain activity qualifies for CPD points. How do I check?

Alf the activity advances your education and knowledge of products, manufacturing processes through training, exhibitions, factory visits, etc it will qualify.

I now have my 10 points. What do I do next?

You should ensure that your log sheet is up to date declaring Ayour 10 points and send this to GAI Head Office by 31 December each year. You can do this by submitting the document online.

Q^I have submitted my course work but until I get it back I do not know if I have acquired the full 10 points. Am I still qualified?

A Yes. The commitment you have shown over the year A demonstrates that you are up to date. The fact that you have submitted your course work on time entitles you to continue as a RegAl whilst your course work is assessed.

If you have further questions please email jeangibson@gai.org.uk or call 0207 790 3431.

NEW PRODUCT Launch

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* 730 denotes Elephant's Trunk

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regulation 38

New regulation impacts Als

Some additions to the **Building Regulations** went through Parliament in October 2010. The **GAI** believes that **Regulation 38** (which replaces the previous **Regulation 16b**) has important implications for Als.

What does this mean for AIs?

This means that AIs should prepare and present all the information necessary for the Responsible Person under the Regulatory Reform (Fire Safety) Order 2005 (*RRO*) to identify, operate and maintain any products you have supplied which have a fire safety impact on a fire or escape door.

- The following list includes the most likely items, but is not exhaustive:
 - Any CE marked product (or product covered by a harmonized standard)
 - Lever furniture

Access control products not CE marked to EN 179 or EN 12209
 Any product which makes a mortise in a fire door (e.g. fire-rated letter plates; fire-rated door viewers; access control product)
 Relevant information might include any one, or a mix of, the following:

• Product literature - if necessary to identify and/or operate the product

• Fixing instructions - to identify and/or operate the product

• Maintenance information for CE marked products (found with, or on, their fixing instructions)

• Maintenance information for other products (e.g. lever furniture; access control products; mortised items) as provided by the manufacturer.

Als should prepare and present all the information necessary for the

Responsible Person (under the RRO) to identify, operate and maintain any products **you have supplied** which have a **fire safety impact** on a fire or escape door This file should be passed to whoever is taking responsibility for assembling the Fire Safety Information File for the building - possibly the contractor, the architect or the client - before completion or occupation of the building, whichever is the sooner. It would be a wise precaution to record who received the file, on what date, and to keep a copy of the contents. This would show that you had fulfilled your duty of care in ensuring that the building manager had enough information to reasonably maintain the fire and escape door hardware you supplied. This is not optional. If you don't do it, you probably won't get a knock on the door today. But if anything goes wrong in that building in the future, you could have some questions to answer, at a time when people are looking for anyone to blame for a fire disaster.

Some manufacturers already offer this service on their products, and some Als have traditionally compiled maintenance files as a service. **Now it's a legal requirement**.

Details of the Regulation are shown here:

The Building Regulations 2010 PART 8

Information to be Provided by the Person Carrying Out Work

Fire safety information

38 - (1) This regulation applies where building work-

(a) consists of or includes the erection or extension of a relevant building; or

(b) is carried out in connection with a relevant change of use of a building, and Part B of Schedule 1 imposes a requirement in relation to the work.

(2) The person carrying out the work shall give fire safety information to the responsible person not later than the date of completion of the work, or the date of occupation of the building or extension, whichever is the earlier.

(3) In this regulation-

(a) "fire safety information" means information relating to the design and construction of the building or extension, and the services, fittings and equipment provided in or in connection with the building or extension which will assist the responsible person to operate and maintain the building or extension with reasonable safety;

(b) a "relevant building" is a building to which the Regulatory Reform (Fire Safety) Order 2005 applies, or will apply after the completion of building work;

(c) a "relevant change of use" is a material change of use where, after the change of use takes place, the Regulatory Reform (Fire Safety) Order 2005 will apply, or continue to apply, to the building; and
(d) "responsible person" has the meaning given by article 3 of the Regulatory Reform (Fire Safety) Order 2005.

The full document can be seen on http://www.legislation.gov.uk/uksi/2010/2214/made

technical

aii technical

bsen1906:2010

BSEN 1906:2010. In March 2010 the latest revision of EN1906 was published,

Clive Smith from HOPPE UK updates us on what the changes mean.

The main inclusion in the new revision was to address the fire requirements of all member countries and in particular Germany where they have a requirement for hardware to be operable after the fire.

To that end Annex C now includes a grade 'C' which sets out the criteria for this requirement.

It should be noted that the UK and most of the other member countries only require up to grade 'B'.

However, if selling into Germany Grade 'C' is required.

Two other notable requirements are to include reference to EN1906 along with the accompanying 8 digit classification box, plus either the manufacturing date or code, to indicate the date of manufacture, either on the accompanying literature or printed on the box or label.

Anomalies

When the latest revision was published it was a surprise to the committee as they had not had the opportunity to review the final amendments and this has resulted in a number of errors being published.

During the revision process, a modification to the cycle rig was agreed to replace the return spring with a weight. The drawings were changed but the wording in section 6.2.3.2 (Test apparatus) still refers to the return spring.

Annex D which is the flow chart of the test procedure was also amended, but the wrong diagram was published.

The two issues above are the main errors in publication and were going to be dealt with by issuing a corrigendum to address them.

However, during the latest meeting held in October Germany informed the committee that they now have a new standard DIN18273 which defines the testing of the hardware after the fire test. This needs to be referenced in grade 'C' of this standard.

The result is that there had been a new work item granted by CEN which will enable other errors to be addressed in a new revision.

Watch this space for further information.

Two other **notable** requirements are to include reference to **EN1906** along with the accompanying **8 digit** classification box, plus either the **manufacturing date or code**, to indicate the date of manufacture, either on the accompanying **literature** or **printed on the box** or **label**

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RINGING THE CHANGES

It seems that very few people in the AI trade ever dreamt as a child of becoming an ironmonger, in fact few people even know what one is! Estelle Adams is no exception and having trained as a jeweller after graduating from Art College she can be forgiven for thinking that this would be her career path. Working in Hatton Garden and travelling to Europe in a marketing role for an international pearl house, Estelle's career was going well until the recession of the early 90s hit and she was made redundant following the closure of her employer's business.

It is typical of Estelle that she immediately decided to throw herself into finding a new job by taking a typing course, a skill which would be useful as the age of computers began. She applied for every job going in her native Kent and landed a job at John Planck Ltd – at the time a new, small AI in Rochester with just seven members of staff.

Estelle started out as receptionist with no idea of what architectural ironmongery was! However within a very short time she was taking sales calls and trying to help customers with their enquiries. Her employers spotted her potential and offered Estelle the chance to do the Level One GAI course and the rest, as they say, is history. "I only signed up in the January and took the exam in the June – it was tough but I passed!" she remembers.

Right from the start Estelle decided that if she was going to learn a new

IN 2010 ESTELLE ADAMS OF YANNEDIS WAS AWARDED THE BOB RAMAGE TROPHY IN RECOGNITION OF HER ONGOING CONTRIBUTION AND SUPPORT TO THE IAI AND THE AI INDUSTRY AS A WHOLE. HELEN CURRY MET UP WITH HER TO FIND OUT HOW SHE REMAINS SO PASSIONATE ABOUT THE TRADE AFTER 20 YEARS.

trade, she was going to do it properly and become involved in the IAI and attend meetings. "It was part of my career plan right from the start to make connections and forge a proper career, rather than just a job. The GAI education programme and the Institute helped me achieve this."

As a young woman Estelle tended to stand out from the crowd. One thing that she loves most about the trade is its open, friendly nature. "Even business rivals socialise together and get on," she says. "The IAI is brilliant for networking and the difference between picking up the phone on a Monday morning to talk to someone you've met at an IAI meeting, as opposed to a stranger, is huge," she believes.

When it came to her Level Two work, Estelle studied with a colleague "We answered questions from each other and used to go down to the warehouse and take products apart to see how they worked." Level Three – a two year course at that time – saw Estelle winning the bronze medal which gave her the self belief and confidence to go out on the road and become a specification representative, a route she has pursued ever since. Estelle recalls "I really enjoy the cut and thrust of providing specifications for architects and coming up with the solution they want – be it aesthetic or technical."

After ten years with John Planck Ltd, Estelle moved to Scott Bevan and IZE

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RAVEN Acoustic, Fire & Smoke Seals before ending up at Yannedis where she has been for the last six years. It's a company which she believes shares her ethos about the AI trade. "Architectural Ironmongery businesses are all about people, standards and service," she says. "Most people really care about what they do and Yannedis is very much of that mould. We are committed to making sure customers get what they want."

Yannedis is the oldest established architectural ironmonger in Britain. Founded in 1911 by Paul Yannedis in the Featherstone Buildings in Holborn, London, Yannedis is celebrating its centenary this year. The company is by no means old-fashioned though, emphasizing innovation and improvement in everything it does. Yannedis embraces design and manufacturing technology which allows it to offer one-off bespoke designs to individual client requirements, as well as being innovators in the design of complete door furniture ranges using the latest modern materials and manufacturing techniques.

In 2004, Yannedis became part of Lloyd Worrall which gave the company access to greater resources to plan and operate strategically while still remaining a small, focused team with a personal touch. After the acquisition of Lloyd Worrall Group by Macnaughton Blair in 2008 Yannedis have gone from strength to strength.

So Estelle doesn't regret her career change from gems to hinges? "It's been a great career change with huge variety, I have seen buildings and met many good people I would never have had the chance to do otherwise," she says. "No two days are the same – one day I'm at a GAI Education Committee meeting, next I'm visiting an architect to take a brief and the next I'm programming access control equipment at a hospital!"

One of Estelle's greatest interests in the trade is the Registered Architectural Ironmongery (RegAI) scheme, which she has been involved with since its inception. "RegAI is all about promoting excellence in the trade," she enthuses. "If you are visiting architects and writing schedules; then your knowledge MUST be up-to-date and cover the whole spectrum of the industry. It is vital, not only to have and demonstrate knowledge of hardware, standards and legislation, but also to be able to show that you have remained

It was part of my career plan right from the start to make connections, and forge a proper career, rather than just a job. The GAI exams and the Institute helped me achieve that.

up-to-date and the RegAl scheme enables this."

Estelle is still learning every day as the AI trade continues to evolve and change. "When I started out I remember being told that if it had a wire coming out of it, it's not ironmongery and we won't sell it," she recalls. "Nowadays you would lose half of your business if you didn't sell access control products!"

Estelle sees RegAls playing a very important role in the future of architectural ironmongery as a specialist trade. "The future of our industry has to be about quality and knowledge. RegAl encourages customers to differentiate between those qualities and buying off the shelf at a DIY store," she says. "RegAl is almost a guarantee of quality - you can ask a RegAl any question and they will either know the answer or know where to find it because they are always keen to extend their knowledge. Specifiers should always ask for a RegAl because they know that their knowledge will be up-to-date."

Estelle clearly has great passion for the trade and enjoys the process of continuous learning and improvement. "The knowledge I gained when I got my Diploma 15 years ago is useless now when it comes to scheduling for Access for All for example," she admits. "After all, if you bought a knife, you wouldn't expect to keep using it without sharpening it!"

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technical

handrails

The original guidance provided, in ADM, for a diameter of between 40 and 45mm for circular handrails or non-circular (oval) preferably with a width of 50mm and 15mm radius to the sides with a clear distance between the handrail and any adjacent wall surface as stated.

Handrails to external stepped and ramped access

Provisions

1.37. Its profile is either circular with a diameter of between 40 and 45 mm, or oval preferably with a width of 50 mm

Handrails to internal steps, stairs and ramps. Provisions

3.55. Handrails to internal steps, stairs and ramps will satisfy Requirement M1 or M2 if they comply with all the provisions contained in 1.37.

This was in conflict with the dimensions published in BS 8300:2001 upon which the majority of specifiers and enforcers depended for an acceptable interpretation of the requirements.

The conflict between ADM:2004 and BS 8300:2001 was recognised at an early stage. Whilst there is no direct reference to BS 8300:2001, in view of the fact that ADM was intended to reflect the guidance given in the Code of practice - BS 8300:2001 where appropriate, the ODPM (now re-titled CLG - Communities and Local Government) issued a

Ser dilemma

Since the publication of **Approved Document M (ADM) 2004 Edition** (which glories in the title of Access to and Use of Buildings to provide practical guidance with respect to the requirements of Schedule 1 to and Regulation 7 of the Building Regulations 2000 for England and Wales), there has been an element of **uncertainty** amongst designers, specifiers, building control enforcers, suppliers/installers and clients as to the agreed and accepted **maximum dimensions** for **handrails**. **The AIJ tries to clear up some of the confusion**.

clarification in the form of

Frequently Asked Questions -

Disability Discrimination Act 1995 and Part M.(found on the Planning Portal under www.planningportal.gov.uk/buildingregulations)

QIs the guidance in BS 8300, where it differs from the guidance in ADM, an acceptable alternative?

Extract from the answer to this question:

ABS 8300:2001'Design of buildings and their approaches to meet the needs of disabled people - Code of practice supersedes BS 5619:1978 and BS 5810:1979. BS 8300 provides good practice in the design of domestic and nondomestic buildings and their approaches so that they are convenient to use by disabled people. The design recommendations are based on user trials and validated desk studies which formed part of a research project commissioned in 1997 and 2001 by DETR.

Handrails

Q In BS 8300 differs from that in ADM. Is the BS guidance an acceptable alternative?

A The guidance that follows is based on Consideration of Amendment 1:2005 to BS 8300:2001 (see BS 8300:2001)

A handrail should be:

1. of an oval or circular profile;

2. finished so as to provide visual contrast with the surroundings against which it is seen;

3. easy and comfortable to grip with no sharp edges, smooth and not cold to the touch.

A circular handrail should have a diameter of at least 40mm but not greater than 50mm

A handrail with an oval profile should have dimensions of 50mm wide and 38mm deep. The profile should have rounded edges with a radius of at least 15mm.

When BS 8300:2009 was published as a full revision of the 2001 edition of the Standard, the principal changes were to consolidate the changes made in Amendment 1 (2005). The following specific changes were made. The recommendations on steps, stairs and handrails reflect those in BS 5395-1 which was in the process of revision and reverted to the dimensions given in ADM 2004.

BS 8300:2009 Clause 5.10.3 stated: Handrail dimensions and spacings

A handrail with an oval profile should have dimensions of 50 mm wide and 38mm deep. The profile should have rounded edges with a radius of at least 15mm.

Any circular handrail should have a diameter of between 32 mm and 45 mm.

NOTE. Unfortunately, due to an editorial error, the handrail dimensions were incorrectly stated which resulted in the publication of BS 8300:2009 + Amendment 1 2010 following the publication of BS 5395-1:2010 and as detailed below.

BS 8300:2009 + A1:2005

Foreword

The foreword to this edition of BS 8300:2009

includes information on Supersession

BS 8300:2009 + A1:2010 supersedes BS 8300:2009 which is withdrawn.

Information about this document *Within the information it is stated:*

The recommendations on steps, stairs and handrails reflect those in BS 5395-1

Furthermore the final paragraph of this section states.

The principal changes introduced by Amendment A1 are to the handrail dimensions.

Clause 5.10.2 Handrail design

a) A handrail should be easy and comfortable to grip with no sharp edges, but able to provide adequate resistance to hand slippage;

Note An external perimeter of between 100 mm and 160 mm is the optimum size to provide a power grip around a handrail. Suitable profiles include circular or oval. A flatter profile gives better forearm support.

Clause 5.10.3

Handrail dimensions and spacings

A handrail with an oval profile should have dimensions of 50 mm wide and 39 mm deep. The profile should have rounded edges with a radius of at least 15 mm.

Any circular handrail should have a diameter of between 32 mm and 50 mm.

There should be a clearance of between 50 mm and 75 mm between a handrail and any adjacent wall surface (or any guarding which extends above the bottom edge of the handrail), and any handrail support should meet the handrail, centrally, on its underside. The clearance between the bottom of the rail and any cranked support, or continuous balustrade, should be at least 50 mm to minimise the risk of the handrail supports interrupting the smooth running of a person's hand along the rail.

Clause 5.10.5 Handrail materials

In locations subject to extremely cold or hot temperatures, handrails should not become

excessively cold or hot to touch, while being of a material that, if necessary, is sufficiently robust to resist vandalism or misuse Guidance to the choice of materials for handrails is given in BS 5395-1:2010 clause 4.1 h)

2010: THE CURRENT POSITION IN ACCORDANCE WITH, BS 8300:2009+A1:2010, ADM:2004 FAQ's and BS 5395-1:2010 DOCUMENTS

A handrail with an oval profile should have dimensions of 50 mm wide and 39mm deep. The profile should have rounded edges with a radius of at least 15mm.

Any circular handrail should have a diameter of between 32 mm and 50 mm.

For the Architectural Ironmonger it should be noted that the reference to thermal characteristics for handrails is not intended to apply to door furniture.

The clearance between the bottom of the rail and any cranked support, or continuous balustrade, should be at least 50mm to minimise the risk of the handrail supports interrupting the smooth running of a person's hand along the rail - a - an - an

technical

access controls

10 Common Access Control Questions

Adams Rite has been supplying quality electrical locking products to the industry for several years; its technical department are able to answer customers questions ranging from simple to trouble shooting or complicated solution providing. Below are 10 of the more common questions that we are asked: -

Should I choose fail safe (power to lock) or fail secure (power to open)? This very much depends on the use of the door and any alternative hardware on the system mechanical or electrical. Historically the majority of access control doors are fail safe, therefore should there be a power cut the door can still be opened; great from a safety point of view however this will leave the door unsecured while the power is interrupted. If a fail secure lock is to be fitted there should always be provision for mechanical override so users are not left 'locked in'; with energy conservation so high on the agenda many specifications now consider the power consumption and are therefore opting for fail secure.

Q^{Is} fitting a Direct Pull Magnet the easiest way to provide an access control solution to an existing application? A In the blinkered short-term, the answer is Ayes however it is an answer with a big BUT! The application should be carefully considered taking into account: -

Is the door fire resistant? If so, drilling holes through it will have a detrimental effect on its performance and therefore put lives at risk!

Does the door currently conform to EN1125 or EN179? If so, changing its operation with a magnet will invalidate its compliance affecting the safety of the building.

What is the magnet replacing? If it's a security locking device it is unlikely the magnet will offer the same level of security.

The above is by no means an exhaustive list; the key is to ensure a correctly qualified person is consulted on the best course of action for the application.

QIs there such thing as a PAS24 access control lock?

Ano; PAS24 is a full doorset security test and Aas such the whole door is subjected to loading tests. Due to this an individual component cannot be compliant as the door and hardware will work together to achieve the result.

Q^I want to secure a perimeter door with a fail safe system what level of battery backup will protect this?

Abattery backup to maintain perimeter security. Batteries have a specified performance however this is affected by external conditions such as temperature as well as the length of time they have been in use. For applications where there are no additional measures on site such as adequate monitoring there is no telling how long the battery may last after a power failure.

QWhat size of power supply should be used?

Anumber of electric locking devices used. A system will run on a certain voltage which is usually 12 or 24V; the current option is either AC (alternating current) or DC (direct current) which is normally dictated by the access control system being used.

With these two points confirmed, the remaining question is the amperage required to run the system; each device on the system will have a maximum amperage draw which should be readily available from the power supply. Add all these figures together (I normally add 5-10% as a safety margin); ensure the power supply can provide this level of amperage. This method will work well for small systems in a close proximity, however where longer cable runs are required it may be necessary to have multiple supplies. The key thing is, if in doubt, consult a qualified person in access control.

Q^{Should} an access control lock feel warm to the touch?

Automatical control of the lock to feel Awarm to the touch, particularly if it is fail safe (PTL) as an electrical current is constantly being supplied generating heat as a by-product.

If the unit is hot to the touch do not automatically assume that there is a fault, consider the door material as the heat will have to go somewhere and if it cannot escape through the surrounding material then the face of the locking device may be its only route. Check the voltage being supplied and measure it at the unit; if this is greater than that specified by the manufacturer, then this may be the cause.

Q^{My} electric strike is not functioning correctly, what could be the problem? There are a number of areas that need to be considered; some of the most common ones are: -

Check the strike matches the electrical system specifications, if its an AC system and the strike is specified as DC then it may work intermittently; remember a solenoid will emit a 'buzzing' sound if operated by AC.

Check the system and strike are configured correctly regarding fail safe/fail secure.

If the strike fails to release however on manually pulling/pushing the door, it is likely that

a sideload is being applied to the strike jaw by the latchbolt. This can be due to door misalignment or pressure build up either externally due to an exposed side of the building or internally due to air conditioning etc. In these cases rectify the door alignment or fit a strike that will open under sideload/preload.

Q^{My} door is not securing, is my lock faulty?

Not necessarily, there a number of external Afactors that can prevent a door from securing. Check if the door is actually reaching its closed position. If the door will not do this, then any lock will not function, particularly if it is a shearlock or solenoid bolt as these rely on the door reaching the same position on every operation.

The next course of action in access control applications is to check the supply to the locking device. If the problem cannot be resolved through this, remove the locking device from the system and connect it to a battery or separate power supply; does it function as intended?

Ultimately the lock could be faulty however more often than not in our experience it's some other factor.

QHow can I maintain security and still provide access control?

A solutions is to understand what level of security the client requires and what use the building will have during this time. As an example, a client may request the level of security that is normally provided by a security deadlock but only when the building is unmanned, therefore this could be provided by a mechanical lock out of hours and an access control lock with a medium level of security during opening hours.

Once this is clear then a solution can be worked on. Bear in mind that the door may not be up to the security level required so this may need to be improved too.

Q^{What} do I need to make this door access controlled?

Commonly we are asked to specify a group of products to 'make' a door access controlled. In basic terms there are 3 elements required; a power supply (AC or DC), a locking device and a method to switch the status of the lock.

If you are a novice to access control think of it in this way, the switch is the controlling element of the system and can be as basic as a rocker switch through to building wide online systems controlling multiple doors and even onto IP based internet systems that control multiple locations. How this switch functions and the credentials required to move through a door can be very different with a vast number of solutions. My advice is always if in doubt contact a company that specialises in providing access control solutions as mistakes are often costly to resolve.

aij23

aij at work

In 1865 the brand new Railway Repair centre was opened, located next to Derby Railway Station, it incorporated a Grade II listed building (the Roundhouse) which served as a circular locomotive and rolling stock repair shed ///

In 1844, Derby became the central hub of the newly formed Midlands Counties Railway Company (MR Co), later known as The Midland Railway Company. By 1865 Derby had become a main depot for the building and repair of locomotives and rolling stock, with huge manufacturing plants at Litchchurch Lane in the City.

Based in Derby were the leading technical innovators in the "State of the Art" mode of transport of its day. The Midland Railway designers could be compared with modern airliner designers, the main driving force and personality being the MR Co Superintendent Matthew Kirtley. Famous names in Locomotive design frequented Derby; George Stephenson, Samuel Waite Johnson and Nigel Greasley.

In 1865 the brand new Railway Repair centre was opened, Located next to Derby Railway Station, it incorporated a Grade II* listed building (the Roundhouse) which served as a circular locomotive and rolling stock repair shed. Attached to and integral with the Roundhouse are two buildings distinct within their own right. Firstly, The Carriage Shop, which as the name suggests, was primarily used for the manufacture and repair of railway carriages. Secondly, there is an office complex which consists of three storeys of accommodation wrapped around the North West quadrant of the Roundhouse. In addition to this complex of three adjoined buildings, there is a fourth building which stands alone to the North. This is known as The Midland Counties Building or Engine Shop.

As the railways expanded, so did the complex at Derby, with thousands of workers employed in the railways. Skilled braziers toiled away in the bowels of steam engines in the Roundhouse, whilst workmen manoeuvred a huge manual turntable – which is still there to spin locomotives to their work-points. Overhead chain winches moved large pieces of locomotive across the timber beamed ceiling, and steam poured from the funnelled roof space vent above.

In the carriage shop, "tappers," tapped wagon axles, a highly skilled job; listening for the tell tale dead thud which meant an axle had "hairlined". Inside the carriages, skilled upholsterers - apprentices from the Long Eaton trade - hammered home copper tacks, and carpenters carefully spliced new wooden panels, the metallic clangs and chatter of workmen filled the air.

A hundred years passed, and by 1960, the day of the huge steam leviathan had gone. In June 1957 the last new steam engine of 2995 manufactured left the Derby Sheds and the needs of a new age of diesel meant there was no more need for the Roundhouse. Over the next 20 years the building became a training centre, and in 1988 closed its doors for good. The turntable, a huge critically balanced technical marvel, slowly rusted. The Roundhouse, once a hub of noise and chatter, silent, broken now only by the noise of pigeons. Below the floorboards 100's of lost buttons, emblazoned with the Wyvern crest of the Midland Railway, and the odd long lost timesheet and job card, the only testimony to its former glory and the men who worked here. The building fell into disrepair and vandalism.

In 2008 Derby College purchased the buildings and associated land and the Roundhouse was turned into the main Derby College campus. Main

Image of the second second

Roundhouse quadrant

contractors Bowmer & Kirkland restored and converted the existing buildings into a new Main Campus which will cater for more than half of the college's 25,000 students. The total contract value for the project is £38m.

The restoration of a Grade II* listed building allowed an opportunity for Derby College to undertake work experience and valuable training opportunity for young people on the site, who learnt restoration skills and modern construction techniques, ensuring the next generation have the correct technical and environmental skills to deliver projects of the future.

In addition to the refurbishment of the existing buildings is a brand new build "Link" bringing together the Roundhouse Complex of buildings and The Engine Shop. This sympathetic design integrates old with the new allowing the very latest products to create a useful and functional area. To the far North of the site there will also be a new build Annexe building providing further teaching accommodation.

In August 2008, Turentek was approached by Maber Architects, to provide some ideas to the interior refurbishment of the building, having been a previous winner of the GAI Specification Award along with Maber Architects for the Galleries of Justice in Nottingham in 1999. The brief was simple, to provide a "Railway feel", a reflection of the life of the works and to incorporate this with latest BS8300 and Equality Act requirements.

One of Turentek's directors, Neil Aspinshaw developed a schedule for the Roundhouse Building, the carriage and wagon shops and the new build Annex with in excess of 500 doors on the plans. Levers from the German manufacturer Karcher Design were selected, as the flattened form created the right "feel" but achieving requirements of Approved Document Part M, pull handles were chosen which reflected the ovate shape of a railway line. All forms were to be linear to create the impression of the rail track, whilst 140 year old doors, many fully rounded topped, massive gated openings to allow steam engines to pass, patent glazed screens and huge pivoting room divider screens provided challenging features.

To meet the requirement of BS8300, TS3000 door controls by GEZE were installed throughout, whilst the guide rail operation and curved cover profile, too, retained the central theme. On oak final exit doors panic hardware was selected which followed up on the historical

backdrop, and door seals, created both weather protection, and secure housing for the Pullman actions but allowed for wheelchair accessibility. As visitors approach the main entrance, (originally where the engines were taken in and the railway lines are still in the pavement,) there is a huge pair of original timber doors. The glazed screens open up and everyone's jaws drop as they walk in.

The complexity of building, and the need to retain as much of the original as possible, meant modular classroom pods were inserted into the Carriage and wagon works, removing the need for anything to be attached to the exterior walls - thus reducing the likelihood of any damage to the original structure.

Turentek liaised with all the specialist manufacturers to provide a complete solution.

Working closely with the Estates team of the college, Turentek designed a flexible master keyed scheme, which gave individual tuition groups, as diverse as hair and beauty, woodworking, building trades and plumbing their own departments, whilst allowing cross campus control to estates, catering and IT, through Kaba's new Pextra cylinder system. To add to the complexity was the need to upgrade locks, many over 100 years old into the new system, whilst sympathetically retaining knobs and furniture of a long gone era.

What proved to be a testimony to the Architects of 1865, was that no new windows were needed, the huge glazed roof lights and cast iron casements providing more than adequate illumination.

On 6 October 2010, the next phase in the life of Roundhouse was complete, with official opening of the complex by Princess Anne, The Princess Royal. The Princess remarked on the musical score which runs for the 30 meters of the glazed library and central learning centre, it was "The runaway train ran over the hill and she blew", some say they heard a ghostly Matthew Kirtley chuckle.

To say that **Turentek**, the AI on the **Derby Roundhouse** project is a "can do" kind of business is an understatement! **Helen Curry** talked to **Neil Aspinshaw**, one of Turentek's directors about the company's philosophy, learning something every day, and getting your boots dirty!

Turentek was established in 2000 after its founders – Neil Aspinshaw, Paul Henstock and Steve Bird – were made redundant by the Arcon group. "We found ourselves, very suddenly, without jobs, so we decided to set up by ourselves, starting from scratch, using our redundancy money," says Neil. The company's beginnings were humble with Neil himself driving a beaten up old Fiesta to meetings!

"We sat on our first day in a ten foot square office, looking at each other!" recalls Neil. But with many years' experience in the AI trade to call upon, the phone soon began ringing. "We only had one asset, and that was our own credibility. Straight away, old customers started to ring in orders – and we've built up from there."

The three founders' business cards may have director on them now, and the quality of their cars may have improved, but the same "can do" philosophy still pervades the business with all three remaining very hands on in day-to-day projects. "None of us are too posh to put on our boots and go on site, and every day is a school day – we're always learning" is how Neil sums it up.

This culture has won Turentek jobs all over the UK from Portsmouth to Newcastle – often on recommendation, and often at the expense of larger firms. "We deliver, simple as that," says Neil. "If there's a problem on site we go out, take a look, and sort it out – it's really not that hard!"

The business now operates with three divisions: the specification division which sees Neil carrying out his favourite job of scheduling, a contractor division which puts ironmongery packages together for projects, and the in-house division which covers local, day-to-day jobs. Business is still good at Turentek with plenty of orders going forward. And it looks like the firm has a bright future. Paul's son Keith has been with the company for eight years and has just passed his GAI Diploma. While Neil's son George has joined straight from school in a role which Neil describes as "starting from the bottom with a brown coat on and a pencil behind his ear."

The Derby Roundhouse project posed a real challenge for Turentek but one which Neil really relished, with every door posing a problem to be solved. As well as some sleek modern hardware for the new doors in the building, Neil was taken back in his career when he scheduled monkey tail bolts and traditional black ironmongery form the Black Country on solid oak doors. "This job took me back, standing in a broken down basement, surveying each door and coming up with a solution that not only fitted in aesthetically, but also functioned as a modern building – it really kept us on our toes."

It's clear that Turentek will continue to succeed and prosper, driven by one commodity which is all too rare in the modern world, enthusiasm!

This job took me back, standing in a broken down basement, surveying each door and coming up with a solution that not only fitted in aesthetically but also functioned as a modern building – it really kept us on our toes //

υk

ENHANCED SAFETY IN EDUCATION SECTOR

Hardware manufacturer, Samuel Heath is reporting increased interest from the education sector in its Perko Powermatic, controlled, concealed door closer.

As well as its fire performance credentials, maintenance-free service and enhanced aesthetics, anecdotal evidence suggests that it is the door closer's health and safety benefits that are proving to be just as compelling, especially in areas where a concealed door closer can make a significant contribution towards the reduction of risk in both fire and non-fire door situations.

Two key areas of health and safety concern have come to the fore in recent months; the first being the risk of a fire door being rendered ineffective by a damaged door closer and the second the potential risk for self harm, which can be present in all types of educational establishments.

london

the lancasters

RENAISSANCE STYLE IN LONDON

The Lancasters, in Bayswater was originally an elegant French Renaissance style terrace of 15 magnificent stucco-fronted grade 2 listed houses dating from the mid nineteenth century. The restoration by London developers Northacre PLC and Minerva, Architects Nilsson Ltd and Interior Designers Intarya is due for completion in summer 2011 and boasts 77 properties including 10 penthouses and 2 town houses with over 800 windows and 1650 doors. The apartments combine lavish contemporary living with Victorian style and not surprisingly therefore the project required classic design-conscious architectural ironmongery with exceptional technical performance. London Architectural Ironmongers John

Planck Ltd has specified TECTUS door hinges from SIMONSWERK. In total over 1,500 TECTUS door hinges in a bright nickel plated finish have been supplied to this luxurious property development.

EDUCATING EXETER

GEZE UK has supplied several of its door closers to Exeter University. Select Architectural Ironmongers specified more than twenty of GEZE's TS 3000 B surface mounted closers and a GEZE Boxer, an integrated cam action door closer, during the refurbishment of the university's 1950's Senate Chamber.

Exeter University needed to create a high-end meeting room facility with a contemporary and smart interior, which offered an appropriate space for the council of one the UK's leading academic institutions for state occasions. Select Architectural Ironmongers chose the Boxer as it could be integrated into the refurbished doors, blending seamlessly into the sleek design of the boardroom. Offering style as well as function, the doors can be manually opened with low friction and adjustable speed as well as benefiting from a built in hydraulic back check.

GEZE's surface mounted cam-action door closer, the TS 3000 B, was selected for doors throughout Senate House, where high footfall areas made ease of opening a necessity. Designed to assist with the need to satisfy the requirements of the Equality Act, and to bridge the gap between the stringent fire door regulations and Approved Document M of the Building Regulations, the TS 3000 B offers adjustable latching action, closing speed and back check.

Ian Butland from Select Architectural Ironmongers commented: "Everything about this project had to be considered from an aesthetic viewpoint, but when you're having to look for products that need to perform to high safety standards that isn't always easy. GEZE UK's range was the obvious choice for the job, offering outstanding quality and functionality without compromising on style or design."

aij) in situ

sunderland abbeywood school

SCHOOL OF HARD KNOCKS

Doorset performance in schools is of course driven heavily by the need for high standards of security, access control and inclusive design. At the newly built, £30 million Abbeywood Community School in Filton, Laidlaw Solutions worked with architects Alec French to produce a doorset specification which involved the installation of a proximity system using Mifare smart card technology. The architect designed the school to RIBA Stage D+ and was retained as client's supervisor through to completion.

The mixture of both online and offline control units lent itself to the way the school wished to run its security, the online readers giving updates and system changes to each card presented. Hard-wired, online units were connected to the building's network together with offline, stand alone units which utilised wall readers and magnetic locking. Online wall readers and controllers were interfaced with the automatic entrance doors at reception, which unlock and open when a card is presented to the reader. Over 160 battery powered electronic handle sets were also fitted to classrooms, offices and staff rooms.

Abbeywood Community School is just one of a long list of education projects for which Laidlaw access control and doorset systems have been chosen. The shift in favour of closer cooperation between manufacturer, specifier, contractor and client has undoubtedly ensured that issues of durability and promises of like-for-like performance are put to closer scrutiny. This is particularly important for main contractors as Balfour Beatty's Operations Director Derek Walker commented in relation to the building of seven schools in the Sunderland BSF scheme, "Balfour Beatty had suffered from a number of issues relating to doors and ironmongery on previous education projects and we were determined to address all design, robustness and supply related issues. Laidlaw Solutions proved to be an ideal partner as they were keen to be involved from the outset. They worked closely with us to review standard door details and structure and were willing to amend designs to meet our exacting requirements. They also demonstrated how best to meet the demanding nature of scheduling multi-site projects."

cornwall

scarlet hotel

SCARLET FEVER

Cornwall's luxury eco hotel, the Scarlet, is taking a contemporary, minimalist approach to the design of its reception, using glass walls and a sleek automatic sliding door operator from GEZE UK, to maximise the impact of its striking coastline view. GEZE was asked to provide two Slimdrive SL operators to blend seamlessly into the bright glass entrance lobby.

Part of GEZE's Slimdrive range, SL operators are just 7cm high so could be fitted to the main entrance and the interior glass screen almost invisibly, to create a lobby area. The automatic doors are suitable for high footfall and ensure access is easy for all, while the lobby arrangement prevents some heat loss, supporting the hotel's sustainability credentials.

The entrances were also fitted with radar motion detectors and safety sensors, and the automatic doors can be easily programmed to provide a night mode for enhanced security and a permanently open option for busy check-in and check-out periods.

In the hotel corridors, GEZE UK fitted TS 5000 rack and pinion door

closers with electromechanical hold open e-guide rails. This enables the hotel to leave the doors permanently open to aid ease of movement around the hotel, but allows the doors to be automatically closed in case of emergency.

fairfield hospital

HEALTH CHECK

The offices, ward entrances and restricted staff areas at Fairfield General Hospital in Bury, Lancashire have been given an upgrade by replacing the old mechanical locks with new electronic CL2255 locks from Codelocks.

Seventy of the electronic codelocks were installed after being recommended by specialist supplier of

access control products, Walker Security Resources Ltd who had used the CL2255 locks on a previous refurbishment project at Rochdale Infirmary.

Peter Walker, Director at Walker Security Resources Ltd commented, "As a supplier of exclusively access control systems we have been impressed with Codelocks' extensive range of high quality products."

The locks are designed as a retrofit to the basic common digital mechanical locks with the same fixing points, making replacing and upgrading quick and easy.

Whilst the mechanical locks previously used would need to be removed from the door to change the access code, the CL2255 with rapid on door programming brings significant advantages to commercial applications such as schools, hospitals and local authorities. It provides easily managed control of coded access for multiple doors, saving time when maintaining and changing codes.

The lock features two release terminals as standard, the first of which can be used to open the lock from a reception desk and the second can be linked to an alarm system which will release the door for 30 minutes when activated by a momentary contact, allowing emergency personnel to check rooms in the case of an emergency.

malawi

schools project

LINKING UP FOR MALAWI CHARITY

Hinge manufacturers Cooke Brothers and hardware distributor Häfele UK Ltd have been jointly involved in the supply of a special shipment of free of charge hinges to a pioneering charitable development offering improved access to primary education in Malawi.

In order to cope with the extreme summer temperatures in Malawi, a key element in the classroom design was the incorporation of opening shutters in all classrooms to aid ventilation. Calling on the technical experts at Häfele UK to source and supply the range of high specification hardware required for the new buildings, the call was made to Cooke Brothers to produce the superior performance hinges needed for each set of shutters.

In view of the extreme conditions and the potentially heavy usage that the shutters may have to endure, the product specifically selected for the project was the Phoenix branded Slimline 102 x 76 x

2.5mm. 304 grade. Stainless Steel Butt hinge. Tested to BS EN 1935 Grade 13 (120kg), the Slimline Butt Hinge is CE marked, Certifire tested and supplied with a 25-year performance guarantee.

all new products

HIGH SPEC MAILBOXES **BOXING CLEVER**

Mailboxes GB has introduced a high specification Anti vandal/Anti Arson to their range of mailboxes. The new 1302FA/V is designed to be used where security and fire protection is paramount - increasingly important factors in today's security-conscious environment.

The new 1302FAV is manufactured in galvanised steel and is available in wall-mounted or free-standing options with front entry/front retrieval mechanisms. It has a number of features to make it more resistant to attack and fire damage. The reinforced door has a two point locking mechanism and the flap also has a lock. A pyroflex fire extinguishing unit is integrated into the box. This comprises a self-contained extinguisher tube filled with extinguishant, manufactured from specially produced polymer materials, which detects fire and self-activates to put out the flames.

Like all of Mailboxes GB's products, the1302FAV letter box comes complete with two keys but extra keys are available upon request. It conforms to EN13724, the European standard for private letter boxes and letter plates which defines the size of the letter box, slot dimensions, protection against

breaking in, corrosion, lock quality, and resistance of rainwater penetration. All Mailboxes GB's post boxes correspond to the higher quality levels of the standard.

CLASSIC LETTER PLATES **CLASSIC LETTERPLATE RANGE EXTENDED**

To complement their existing range, Carlisle Brass is introducing products in polished chrome and satin chrome finishes.

The new finishes have been added to the range of inward opening push flap and outward gravity flap letter plates. These will enhance the company's Victorian-style external door furniture products which include letter plates, cylinder pulls, door knobs, viewers, chains, bell pushes and numerals. A matching range of concealing flaps is also available for the inside of the frontdoor

Visit www.carlisledesigngroup.com. Call 01228 511770.

GLASS MORTICE KNOB

BRASS AND GLASS

Carlisle Brass has added a new glass mortice knob to its range.

The 'GK' range is available with either a polished brass or polished chrome 65mm rose with a beautifully crafted 60mm glass knob. This new addition uses mirror backed glass for brighter reflection to make it really stand out and 'sparkle'.

The new glass mortice knob enhances the company's range of exquisitely hand-finished, welldesigned concealed and face-fixed mortice knob furniture. The knobs are available in a range of different styles and finishes such as wood, porcelain and solid brass all designed to complement modern interior designs.

Visit www.carlisledesigngroup.com. Call 01228 511770.

ELECTRONIC CODELOCK FOR GLASS DOORS A CLEAR CASE FOR LOCKING GLASS

Codelocks has launched its first electronic codelock suitable for glass doors. The new CL4000GD is designed to be easily fitted as either a new installation or as a quick retrofit, being a straight replacement for existing Rondo type glass door patch lever sets.

The medium duty patch fitting electronic lock, complete with latch and full size lever handles, provides simple effective access control and boasts a number of advantages over a key system. The lock is fully programmable in seconds on the door via the keypad using the Master Code.

When using codes for entry they can be

4, 5 or 6 digits long, providing a possible 1,110,000 code combinations. The lock memory will store up to 80 different user codes and allow up to 10 one-time user codes to be entered. Individual codes can be suspended or deleted. Code free mode can be set electronically at the keypad or mechanically by means of the override key.

Visit www.codelocks.co.uk/glassdoorlock. Call 01635 239645. email sales@codelocks.co.uk.

EURO PROFILE CYLINDER LOCKCASES DOM HAS NEW EURO PROFILE

DOM now offers a superior range of DIN standard euro profile cylinder lockcases designed specifically for public buildings such as schools, colleges or hospitals with high frequency use.

The lockcase is CE Marked for use on fire doors and is fire rated to 1% hours specifically designed for buildings with high frequency use. It is tested to BS EN 12209 – Classification: 3M710G4BC20

The lockcase contains a high frequency use latch mechanism which is tested to over 1.6 million+ cycles. It has a maintenance-free follower with sintered bronze bearing for intensive use and protection steel tubes through the fixing holes. An own company branding option is available with lock options available for Deadlocks, Sashlocks, bathroom locks, latches and night latches.

Phone: 0800 988 4348 Visit: www.ronis-dom.co.uk

PIVOT PROTECTORS HEAVY USE PROTECTION

Royde & Tucker has launched two pivot protectors for double action doors, one for 44mm thick door leaves (H131-P44) and one for 54mm thick door leaves (H131-P54). Designed to reinforce double action doors, they have been introduced to extend the suitability to locations where the doors may suffer from heavy use or abuse.

With its patented design the two new pivot protectors are manufactured in grade 304 stainless steel as standard and offer a real solution for the protection of double action doors. Tried and tested, they have a proven record either as a retrofit product – negating the need to replace the whole door leaf – with all the associated costs or as an initially specified item preventing any damage in the first place. In addition, the 44mm pivot protectors are suitable for FD30 door, having been tested in accordance with to EN 1634-1.

Standard double action pivots ordinarily open in one direction only, but in an emergency can be opened in the opposite direction. In circumstances where the door may be subjected to exceptional forces, however, it can be vulnerable to damage, specifically where the door-mounted components are fixed. In these instances, pivot protectors can be used to avoid these issues and increase the door leaf's resistance to either accidental harm or intended damage. Pivot protectors are effectively purpose made protective shoes that wrap around the vulnerable areas of the door and significantly reduce the likeliness of the door mounted pivot, floor spring or transom closer components, putting stress on the opposite door face when subjected to pressure exerted, reducing the likeliness of the opposite door face splitting.

Visit www.ratman.co.uk. Call 01462 444444. Email: sales@ratman.co.uk

DECORATIVE HINGE COVER PLATES

DESIGNER HINGE AESTHETICS

Royde & Tucker has launched of a new range of decorative hinge cover plates which, uniquely in the market place, conceal the often unsightly screws and can now feature intricate custom designs cut into them. This opens up a new realm of possibilities for specifiers seeking the utmost attention to detail in every aspect of their project.

The new plates offer a discrete design choice and enable either company or project branding, matching details in the other ironmongery items or even picking up a common visual theme. Royde & Tucker can accommodate a huge variety of designs and the bespoke service means the company can produce whatever is required – from project specific designs to corporate detailing."

For more information visit www.ratman.co.uk

INTERNAL DOOR HARDWARE

EXTENDING LEVER DESIGN

Samuel Heath has introduced three beautifully designed door levers to its extensive ranges of internal and external door and window hardware. Made from the highest quality brass and hand-polished to achieve an outstanding finish, the three new levers expand the company's Profile and Contour collections, allowing the levers to be suited with other door and window fittings.

The first lever has an elliptical form designed to give it solid weight and volume with soft lines and a smooth finish. The second is made with a more crisp and contemporary style in mind, whilst retaining an elegant form that flows directly from the rose. The third and final lever complements the Contour collection, with precise styling and a concentric pattern creating an eye-catching and highly tactile design. The new levers are interchangeable with existing concealed fix and visible fix roses, and are available in nine stunning finishes, including polished or antique brass, chrome plate, satin nickel and the ever-popular bronze finish.

Visit www.samuel-heath.com. Call (0)121 766 4200. Email: info@samuel-heath.com

PHOTOCATALYTIC CLEANING DOOR HARDWARE

PASSIVE PROTECTION AGAINST MRSA

Without effective cleaning, door furniture, handrails and other touched surfaces are susceptible to the development of harmful organisms and contaminants. Cleaning regimes depend on personal diligence and are therefore intrinsically unreliable.

MicroClean is a new nano-technology based, photocatalytic coating from Laidlaw Solutions which counteracts contamination of hard surfaces. It needs no extended curing period at high temperature and destroys organic compounds such as those found in MRSA, C.Difficile, e.Coli, SARS, Listeria, and Salmonella.

When applied to hard surfaces, MicroClean prevents contaminants from growing and eradicates them very quickly. When ultra violet (UV) light strikes the particles in the coating a powerful oxidising reaction is created which breaks down organic compounds such as bacteria into water and carbon dioxide.

The coating continues to work 24 hours a day, 365 days a year as long as there is a light to 'power' it. Tests have shown that colonies of bacteria are destroyed within 24 hours of contact. MicroClean can be either factory applied to any of Laidlaw's diverse range of ironmongery products or spray applied on site to bigger surfaces such as doors and walls.

CHANGING THE RULES

DORMA has launched an innovative new moveable wall system that combines excellent acoustic properties and complete transparency. Offering the best of both worlds – the ability to have both open plan office space and segmented spaces for privacy when required - MOVEO® Glass sets new standards of workspace flexibility.

With MOVEO Glass, users can transform an open plan work space into separate areas at the simple touch of a button. When not in use, the system is discreetly folded out of the way, maximising working space.

MOVEO Glass offers impressive sound reduction values of up to 50dB and when additional privacy is required, MOVEO Glass offers the option of electrically controlled blinds and glass texturing or patterning to meet exacting user requirements. Suitable for offices, conference rooms, hotels, schools and leisure facilities, the potential uses of MOVEO Glass are virtually limitless.

For ease of use, the system can be configured with MOVEO ComfortDrive so each individual MOVEO panel can be pre-programmed to a set position on the system's track using touch screen controls. Visit www.dorma-show.com

ANTI LIGATURE HINGES

NEW RANGE INCLUDES ANTI LIGATURE HINGES

Nico Manufacturing has expanded its range of architectural hardware with the addition of a number of new door hinges – all featured in a brand new catalogue.

The Nico range of Architectural Door Hinges, now includes Nico Anti Ligature Hinges, designed to minimise the risk of self harm in mental health or secure environments and independently tested to DHF TS001.

There are three models in the range: $4815AN 100 \times 88mm$ Butt Hinge; $4817AN 101 \times 76mm$ Butt Hinge - in mild steel or satin finish stainless steel - and $5315AN 101 \times 76mm$ Ball-bearing Butt Hinge in austenitic stainless. All are available with square or 10mm radius corners.

A new triple knuckle 101 x 76mm Butt Hinge - the 4817 - now offers a high performance alternative to commodity ball bearing butt hinges.

Tested and accredited under the Certifire scheme, the LoadPro range is approved to all relevant BS EN standards, with full CE marking and covered by a comprehensive guarantee of up to 25 years.

Call: (01255) 422333 E-mail: sales@nico.co.uk Download: www.loadpro.co.uk

FREE SWING DOOR CLOSER NEW FREE SWING DOOR CLOSER

DORMA has launched the new DORMA TS 99 EN 2-5 Free Swing Door Closer.

Unlike conventional door closers, a door

fitted with the TS 99 EN 2-5 allows resistance-free door opening in passive/preventive fire protection applications. This enables the user to set the door to free swing in stages rather than having to open the door in one movement. This can be particularly useful if the door is being re-set by someone with mobility problems.

Ideal for schools, hospitals or nursing homes, where users may have difficulties in opening doors, or simply want to keep their doors ajar, the TS 99 EN 2-5 allows the same freedom as a domestic door. Once opened to the required angle to pass through, it will stay there until it is moved again.

Should the fire alarm be raised, the TS 99 EN 2-5 will automatically act as a fire door closer, closing immediately to limit the spread of smoke.

Visit www.dormashow.com/doorcontrols. Call: 01462 477600. Email: hardware@dorma-uk.co.uk.

ANTI-LIGATURE LOCK SETS SEEING THE WOOD FOR THE TREES

"Sometimes the simple things in life can evade us and its far too easy to get embroiled in technicalities when the obvious is staring you right in the face" says Jerry Smith of Primera. "I can't help but smile when I see the massive impact making such a minor change has had on a product which we've had on the market for years and I'm at a complete loss to appreciate why we hadn't seen this long before now"!

The Primera anti-ligature lock-set has traditionally comprised a Turn/Pull on the inside of the door and a Pull Handle and separate Escutcheon on the outside. In the early days this comprised a square back-plate anti-ligature Pull Handle and a separate round Escutcheon. Aesthetically, the two things are hardly compatible!

Merging the pull handle and the escutcheon on to the same backplate in the new 792C model has made a dramatic visual impact and feedback is extremely encouraging. This is coupled with the obvious benefits that the new arrangement brings to retro-fit applications, where there is a need to ensure that all the old door preparation is adequately covered.

Email: sales@primeralife.co.uk

>> LITERATURE

FD

700 SERIES HIGH SECURITY BOLTS & EXIT HARDWARE

innovation and achievement 2010

asing achievements in construction product

PICTURE PERFECT

Door and window control systems manufacturer, GEZE UK, has developed three sector-specific illustrated portfolios to inspire and inform architects, architectural ironmongers and specifiers.

Featuring a range of projects in the transport, leisure and education sectors, the handy portfolios show how GEZE UK's range of automatic operators, manual door closers and sliding wall systems can be used to provide both functionality and aesthetic appeal, and looks at some of the reasons for selecting specific products.

The three brochures are the first half of a series of sector-specific portfolios, which will be continued in 2011. For a copy of the portfolios, call 01543 443000 or log on to www.geze.co.uk

NO PANIC WITH EXIDOR

Exidor has introduced a new range brochure covering the company's high security range of 700 series panic and emergency hardware.

The new brochure has been specifically designed to provide the architectural ironmonger, builders merchant, locksmith, security manager and specifier with clear and detailed information on the complete 700 series range, including the new automatic deadlocking box, and a definitive guide to products certified to the latest EN179 and EN1125: 2008 standard.

Designed for use in high security environments where emergency exit is a consideration, such as banks and retail premises, the range is approved to LPS 1175 level 2, and Sold Secure Silver Standard, and has been specifically developed to meet the demands required against physical attack without compromising safety.

All products are available in both timber and steel door variations and can be used with a range of accessories including high security outside access devices and locking boxes to enhance protection.

To request your copy of the new 700 series brochure please call 01543 578661, email sales@freduncombe.co.uk or visit the web site www.fredduncombe.co.uk

OUTSTANDING QUALITIES

The Construction Products Association has once again launched the annual publication Construction Products Innovation and Achievement (CPIA), showcasing some of the most innovative products and processes that have been developed by the construction products industry within the last year or so.

The publication includes a message of support from Paul Morrell, the Chief Construction Adviser, who praises the positive impact that the construction products industry is making towards innovation and efficiency and especially how the publication demonstrates the tremendous amount of innovation emanating from the industry.

The 20 entries in this year's publication are featured under four headings; Energy and Carbon Saving; Health, Safety and Security; Improvements in Site Efficiency; and Resource Efficiency. There is a further selection of examples available on the Association website, highlighting that the construction products industry is at the forefront of embracing and leading innovation. CPIA was always intended to show how the industry as a whole is at the forefront of innovation, improvement and change and we can be proud that our industry continues not only to aim high but also to deliver this range of solutions and improvements.'

SECTOR SPECIFICS

Laidlaw Solutions' extensive experience of supplying doorset, handrail, architectural ironmongery and access control systems has led to the publication of eight specific sector guides. These include design solutions for Education, Retail, Healthcare, Hospitality, Leisure, Residential and Commercial environments in addition to information on requirements for Inclusive Design.

Whether for new build or refurbishment, Laidlaw schedule fast track specifications of considerable size and complexity. This often entails meeting bespoke requirements or adapting standard products to meet specific aspects of performance. The huge selection of door ironmongery, handrail/balustrade options and factory laminated, veneered and painted doors provide scope to meet the most sophisticated interior design and security needs.

For copies telephone 01902 600431, email Shafiq.Sharif@laidlaw.net or visit www.laidlaw.net

legal

legal helpline redundancy law

Redundancy, I have often said, is the last bastion of employer-friendly law.

what's new with redundancy?

Redundancy, I have often said, is about the last bastion of employer-friendly law. A Tribunal may not substitute their own view on how they would set about redundancy selection. What they have to do is to assess whether there is a genuine redundancy situation, who should be in the

pool for selection, whether the criteria are reasonable and whether a reasonable process has been employed. Employers have been able to get through these hoops fairly well, as there has been quite a low evidential threshold.

Two recent cases would suggest that the threshold is getting higher. The first focuses on the "pool" - who should be included in that pool? Often, it is self-serving, eg you have six sales staff and you wish to reduce that team to four. Clearly, your pool would be the six sales staff, and for sales, you could read drivers, accounts staff, receptionists and so on.

However the picture is more complex in certain administrative situations. Company A decide to reduce their spend in HR, and decided to make their HR Manager redundant. They went through a consultative process, but no actual selection was thought to be necessary, as there was no-one in their view comparable, so no pool for comparison. The HR Manager complained to a tribunal on the grounds that her HR Assistant should have been included in such a pool. A said that this was not practicable. They needed to maximise savings, and they considered that they no longer needed a senior HR practitioner. B (HRM) said that she needed to work, that for many years she had performed the junior role, furthermore, when B had been absent for several months, her Assistant had acted up in the Senior role, without apparent managerial disruption.

The Tribunal found (and the EAT agreed) that the two functions were sufficiently interchangeable to warrant a pooling approach. Consultation should have been broadened to encompass the possibility of B being prepared to undertake the residual junior role. So, they found B's dismissal unfair as both HR staff should have been pooled and assessed for the one role.

I am surprised by this decision, as employees with this sort of status and salary differential would not normally be pooled, but the tribunal were obviously persuaded by the interchangeability between roles in the past. The clear message from this case is BEWARE....give a lot of thought as to who should be in the pool for comparison.

The second case examines the mechanics of a redundancy scoring exercise and the management's accountability for it. The Company actually got quite a lot of things right. They agreed the selection criteria with their Trade Unions (for the record: attendance, quality, productivity, abilities, skills, experience, disciplinary record and flexibility). P was in a pool of only three and had 23 years service as an Estimator. He was given his scores actually at the consultation meeting. He raised a number of queries, and in particular relating to his low score for flexibility. The Company did not budge or offer any detailed explanations as to how they had reached their scores, but contented themselves by asserting that they considered that they had got it about right. P appealed, but received a similar response.

At Tribunal, P was given more detail as to how he had been marked down. He adduced his own evidence, that the tribunal accepted, contesting the fairness of some of his marks. For example, he had been marked down because he had a "9-to-5" attitude, but P pointed out that he had never been on a 9-5 shift. He was marked down on invoicing, but P said that most of his quotes were sent direct to clients, so the assessors could have no real appreciation of the quality of his work. The Tribunal were not satisfied with the Company's evidence and found the dismissal unfair. This was appealed to the EAT.

The EAT found that, at the heart of any redundancy, must be a meaningful dialogue. If the Company had taken on board P's challenges and responded to them, in all probability the relatively low threshold would have been cleared. But they took note of the following issues: the pool was only small, the scoring was close and P had sought information on a highly subjective area, flexibility, rather than in connection with the self-serving statistical evidence for attendance.

Moral:

Redundancy is still an area where employers have some leeway, but these two case show that the leeway is narrowing, and that natural justice must be observed, whether in defining the correct pool for comparison, or in ensuring that you give sufficient "airtime" to an employee who may have legitimate challenges.

For independent advice on this type of situation, you are always welcome to contact the GAI Employment Law Helpline on 01372 462262, or email us on roger.vincent@talk21.com

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